

The periodic table

Pre-lesson assignment p90-93. You should also revise the atomic structure topic.

Define the following terms

- Periodicity
- Group
- Period

Make notes on the periodic table

Use the following questions as guidance.

1. Briefly explain why Mendeleev's system of arrangement of the periodic table became the basis for the modern periodic table.
2. Explain how the modern periodic table is arranged in terms of...
 - a. Atomic number
 - b. Groups
 - c. Periods
3. Identify the link between the group number and the electron configuration.
4. Identify the s, p and d block on a copy of the periodic table.
5. State the name of groups 1, 2, 17 and 18